

Fig. 1

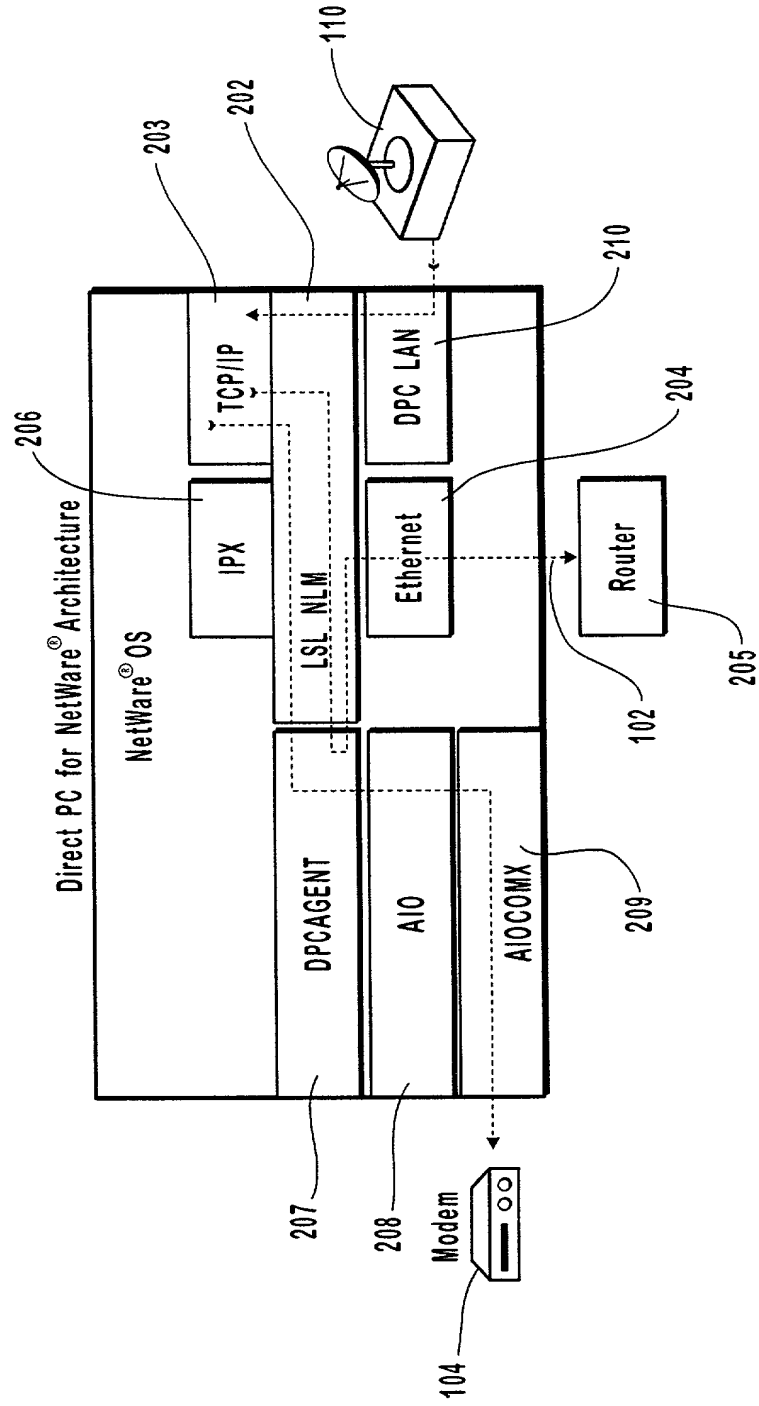


Fig. 2

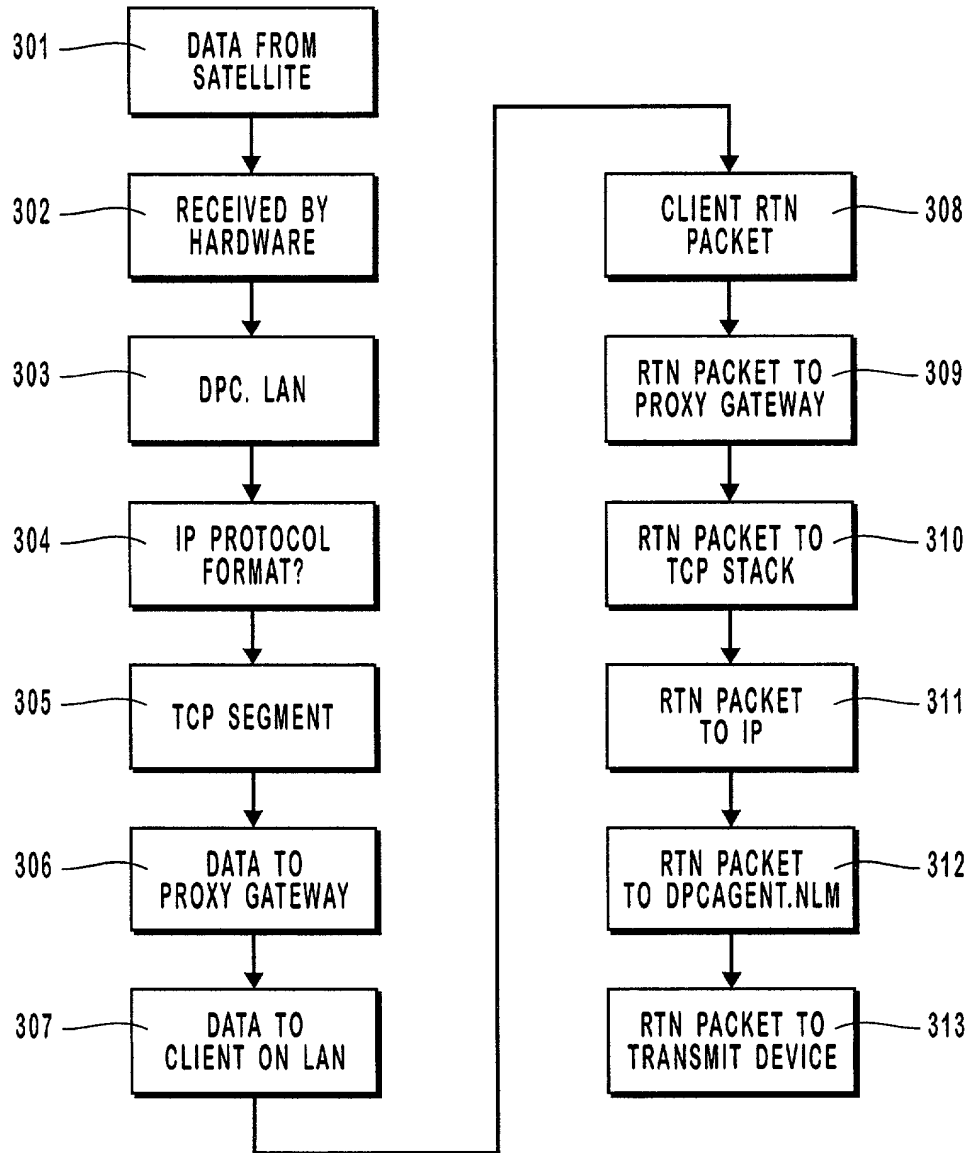


Fig. 3

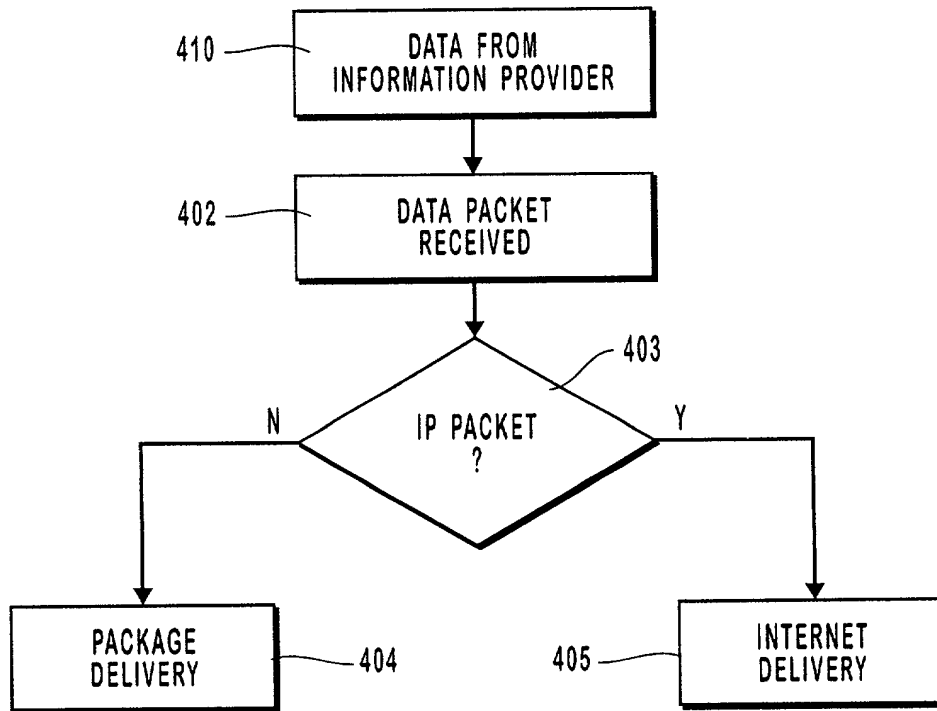


Fig. 4

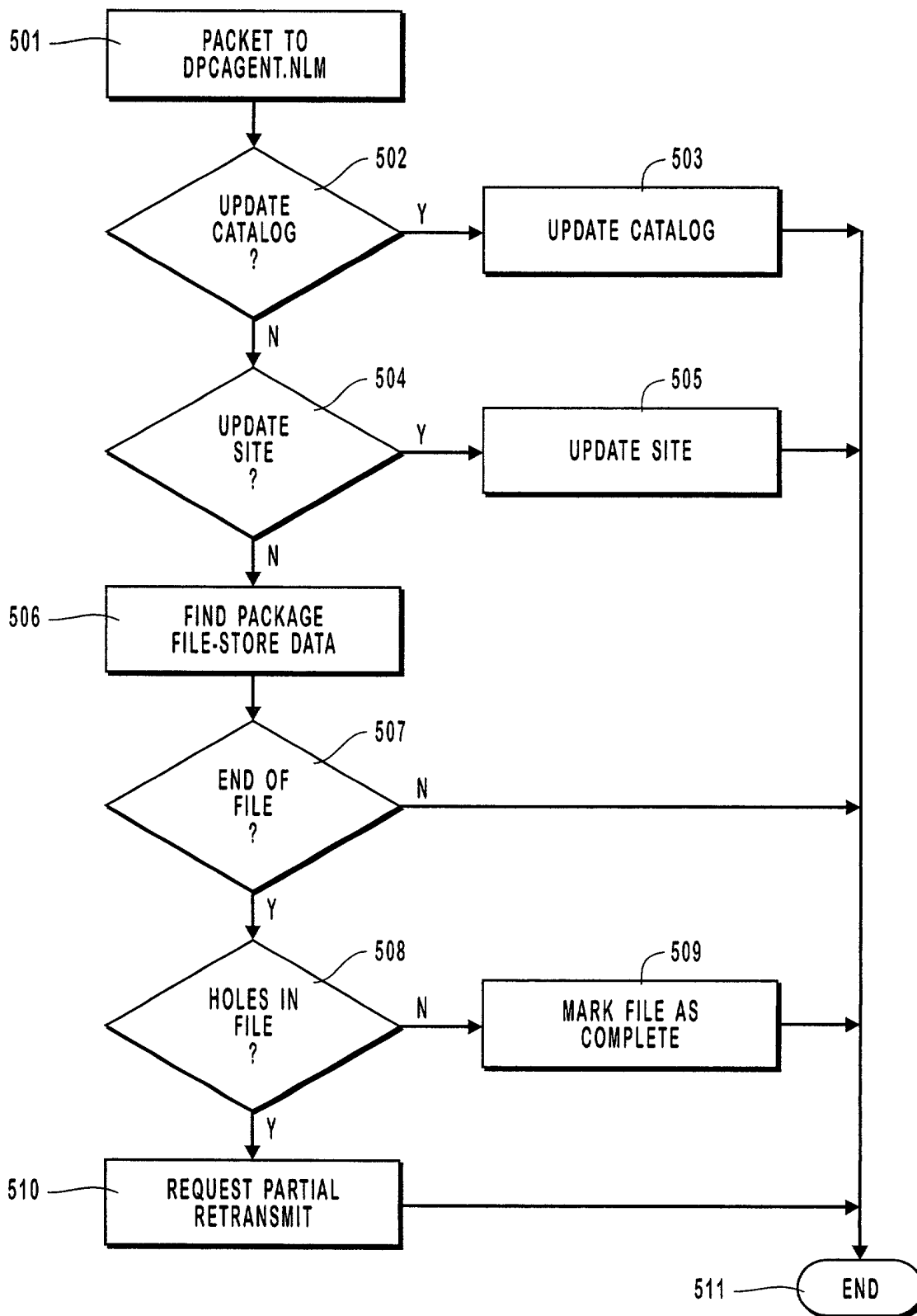


Fig. 5

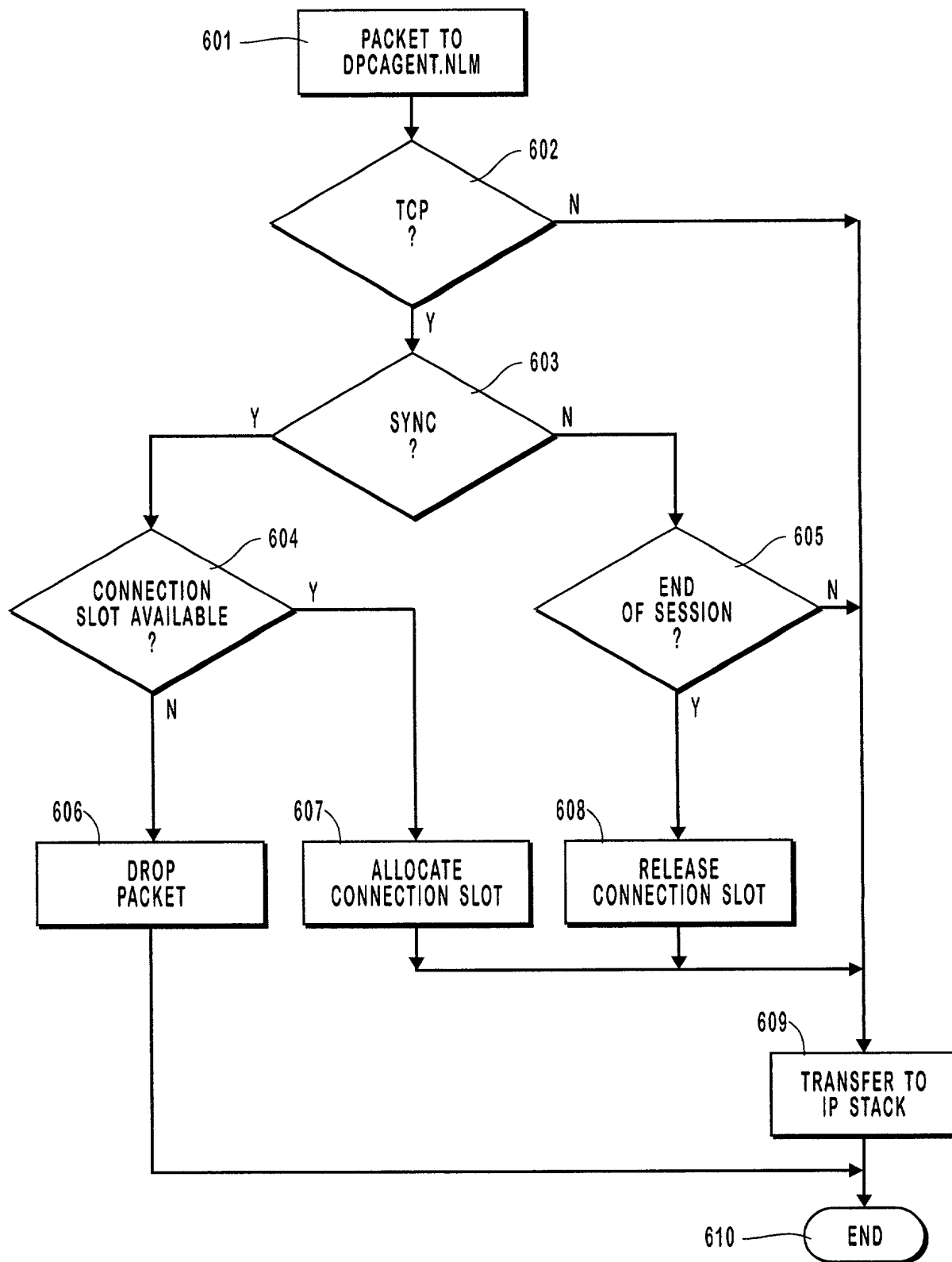


Fig. 6

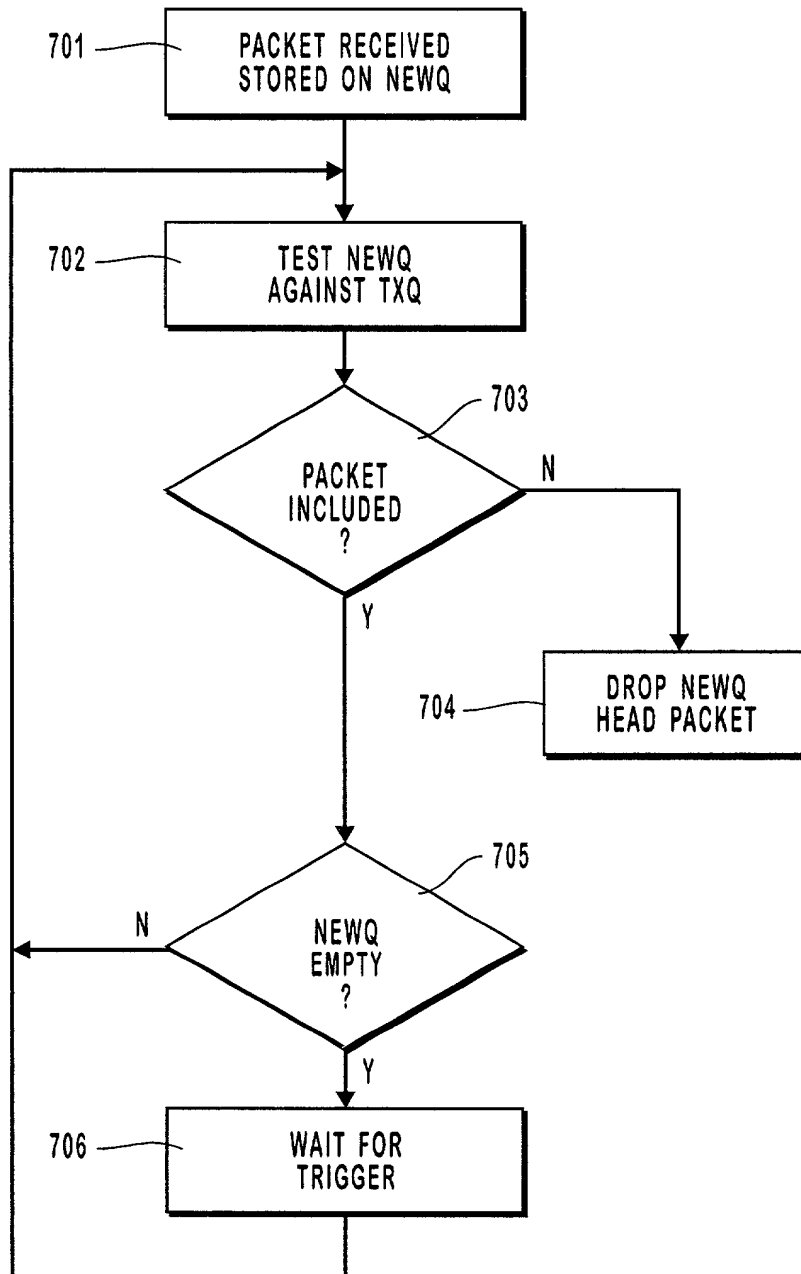


Fig. 7

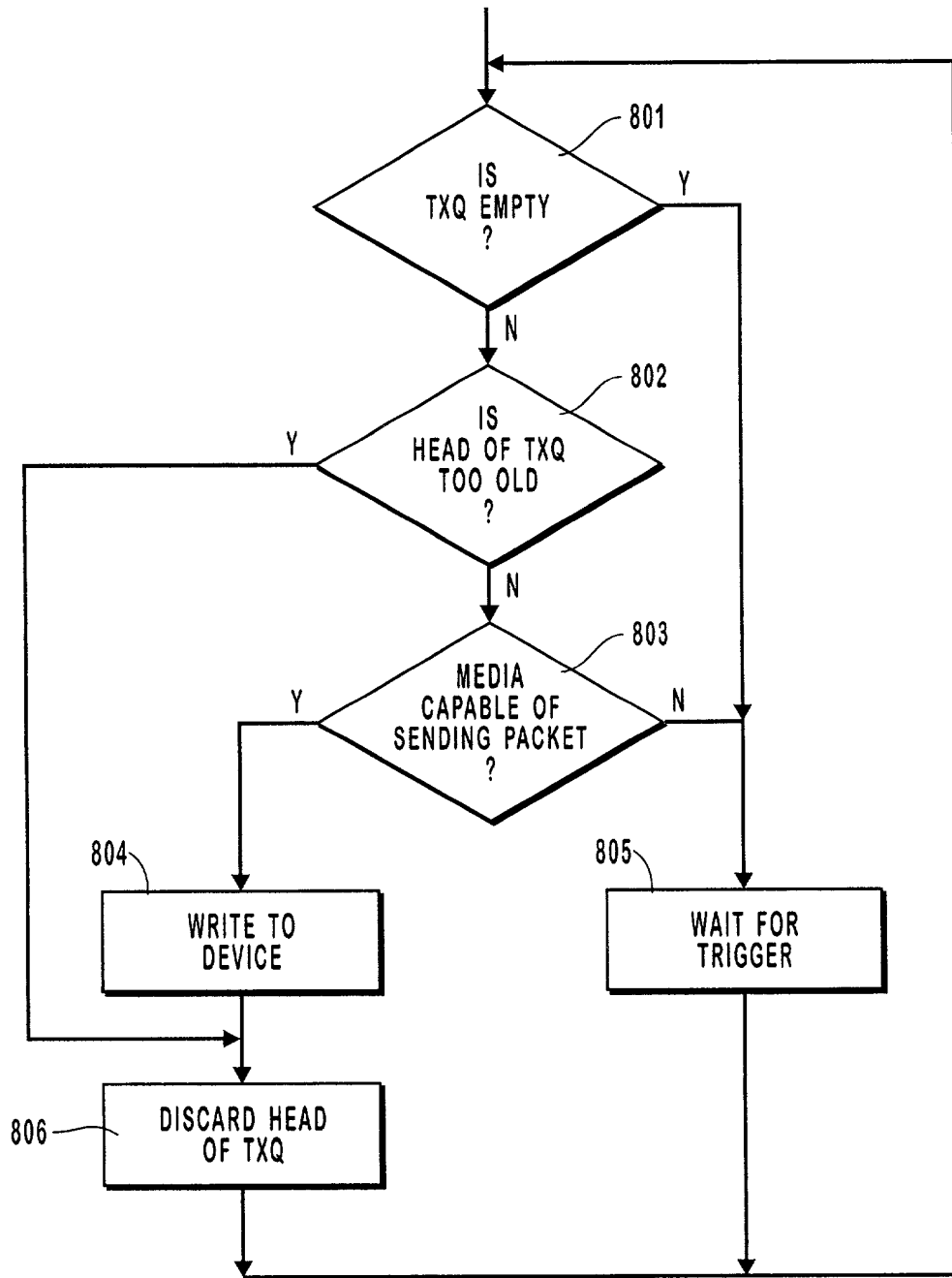
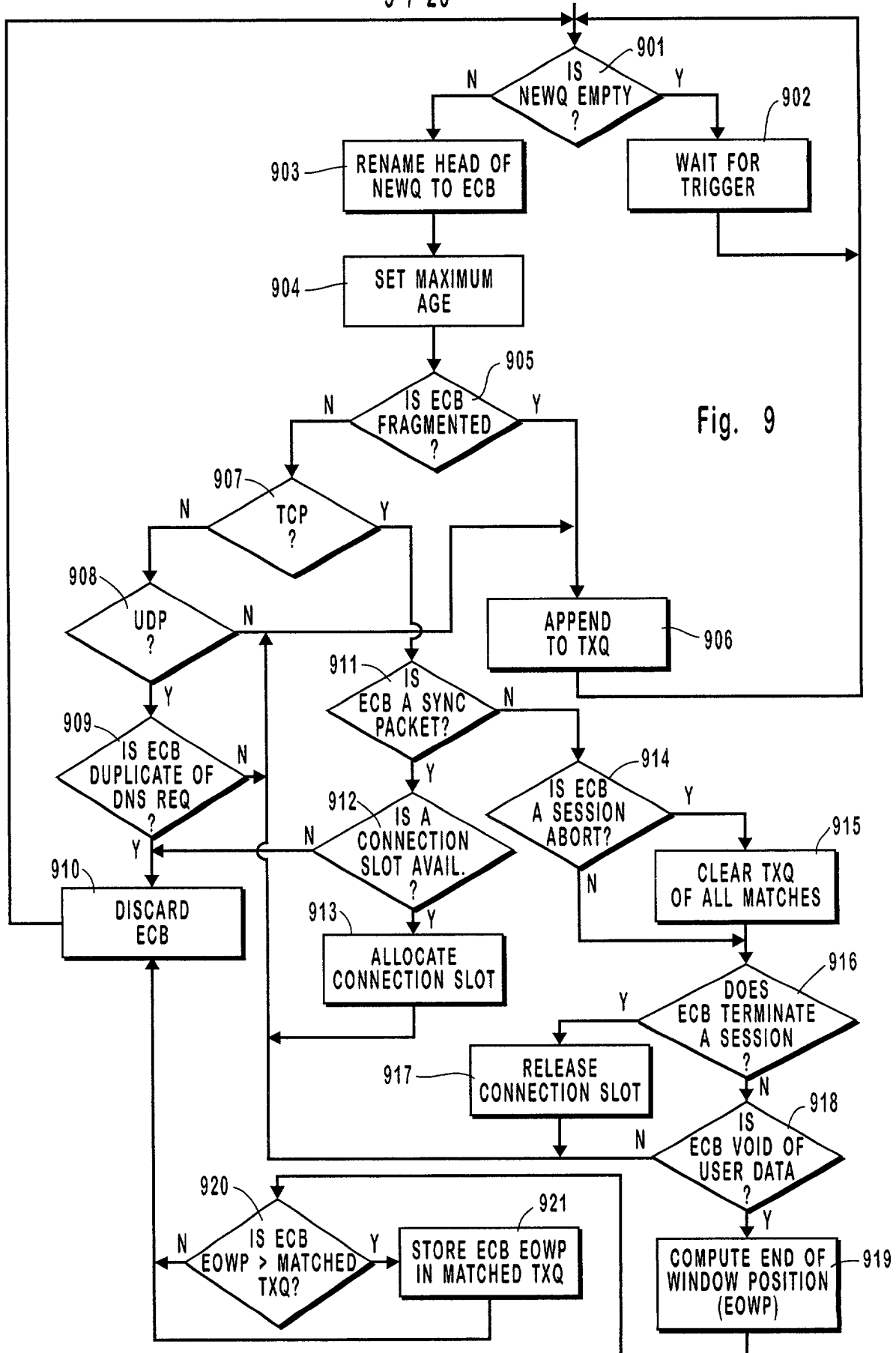


Fig. 8





**DPC AGENT PROGRAM 1.50**

**DPCAGENT Options**

Package Delivery

Display MLID Stats

DPC Configuration

Dish Pointing

Adapter Information

Modem Control

Exit DPCAGENT

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
 Package Status: IDLE  
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10a-1

**DPC AGENT PROGRAM 1.50**

**Digital Package Delivery**

DIRECPC	AVI	Marilyn	Avi
DIRECPC	Win3x	Sports	Ticker 16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius	38MB File
HELIUS	HELIUSDV	Helius	Costly File
HELIUS	HELIUSDV	Helius	Test HIGH priority

**Status**    **<TAB>** Sorting    **<Enter>** Details    **<Ins>** Download    **<DEL>** Cancel  
 Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
 Package Status: IDLE  
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10a-2

**DPC AGENT PROGRAM 1.50**

**DPCAGENT Options**

Package Delivery

Display MLID Stats

DPC Configuration

Dish Pointing

Adapter Information

Modem Control

Exit DPCAGENT

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: marilyn avi  52% 1755510/3374352

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10b-1

**DPC AGENT PROGRAM 1.50**

**Digital Package Delivery**

DIRECPC	Win3x	Sports Ticker 16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius 38MB File
HELIUS	HELIUSDV	Helius Costly File
HELIUS	HELIUSDV	Helius Test HIGH priority
CONFIRM DIRECPC	AVI	Marilyn Avi

**Status**    <TAB> Sorting    <Enter> Details    <Ins> Download    <DEL> Cancel

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐

Package Status: IDLE

Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10b-2

DPC AGENT PROGRAM 1.50			
Digital Package Delivery			
DIRECPC	Win3x	Sports Ticker	16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius	38MB File
HELIUS	HELIUSDV	Helius	Costly File
HELIUS	HELIUSDV	Helius	Test HIGH priority
NEEDED DIRECPC	AVI	Marilyn	Avi

**Status**    **<TAB>** Sorting    **<Enter>** Details    **<Ins>** Download    **<DEL>** Cancel  
 Modem Status: Dialing    Tx ☐ Rx ☐ Cd ☐  
 Package Status: IDLE  
 Select an Option **<Enter>** ☐

Fig. 10c-1

DPC AGENT PROGRAM 1.50			
Digital Package Delivery			
DIRECPC	Win3x	Sports Ticker	16 Bit App for Win 3.1
HELIUS	HELIUSDV	Helius	38MB File
HELIUS	HELIUSDV	Helius	Costly File
HELIUS	HELIUSDV	Helius	Test HIGH priority
NEEDED DIRECPC	AVI	Marilyn	Avi


**Status**    **<TAB>** Sorting    **<Enter>** Details    **<Ins>** Download    **<DEL>** Cancel  
 Modem Status: Disconnecting from Package Delivery    Tx ☐ Rx ☐ Cd ☐  
 Package Status: marilyn.avi     20%    688512/3374352  
 Select an Option **<Enter>**    Users 50    Keys ☐ Signal ☐

Fig. 10c-2

**DPC AGENT PROGRAM 1.50**

**DPC\_1\_EII [Dpc port=140 int=B frame=ETHERNET\_II]**

Version 1.20  
 Node Address: 80AE000001  
 Protocols:  
   ARP  
   IP

Generic statistics

Total packets sent:	1
Total packets received:	0
No ECB available count:	0
Send packet too big count:	0
Reserved:	Not Supported
Receive packet overflow count:	0
Receive packet too big count:	0
Receive packet too small count:	Not Supported
Send packet miscellaneous errors:	0
Receive packet miscellaneous errors:	0

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
 Package Status: IDLE  
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10d-1

**DPC AGENT PROGRAM 1.50**

**DPC\_1\_EII [Dpc port=140 int=B frame=ETHERNET\_II]**

Send abort from excessive deferral 0  
 Receive abort from bad frame alignment 0

Custom statistics

Signal Quality	235
Rx Frequency	13,300
Largest Received IP Frame	0
Number of Receive IP Frames over 400	0
Ave size of Receive IP frames over 400	0
Mips Rx enable commands	0
Mips Rx disable commands	0
Mips frames accepted	6,962
Mips frames rejected from no filter match	1,489,475
Mips frames rejected from zero address	0
Mips frames rejected from adapter disabled	0
Mips frames rejected from low buffer pool	3,611,966

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
 Package Status: IDLE  
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10d-2

DPC AGENT PROGRAM 1.50

DPC Configuration

Modem Configuration  
Package Delivery Configuration  
Provider Configuration

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
Package Status: IDLE  
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10e-1

DPC AGENT PROGRAM 1.50

Modem Configuration Editor

Packet Life(sec)	= 120
Call Setup(sec)	= 60
Aync Buffer Size	= 8192
Dial Prefix	= ATDT
Hangup Str	= ATH0
Disconnect str	= NO CARRIER
Escape Str	= +++
Connect str	= CONNECT
Init str	= AT&F1

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
Package Status: IDLE  
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10e-2

DPC AGENT PROGRAM 1.50

Package Delivery Configuration Editor	
Package Phone	= 1-800-825-3954
Package Baud	= 9600
Package Inactivity(sec)	= 10
Max Database Entries	= 1024

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
Package Status: IDLE  
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10f-1

DPC AGENT PROGRAM 1.50

Provider Configuration Editor	
	Outbound Protocol = Modem - PPP
Internet Phone	= 343-2720
Internet Baud	= 57600
Internet MTU	= 1500
Internet Inactivity(sec)	= 180
IP Address(ISP)	= 153.35.210.185
Hybrid gateway Address	= 206.71.99.5
Auto Login Enabled	= No
	Modify Auto login Script
	Modify PPP Configuration

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
Package Status: IDLE  
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10f-2

DPC AGENT PROGRAM 1.50	
Login Script Editor	
Wait1:	<input type="text"/> Wait Timeout 1= 10
Send1:	
Wait2:	Wait Timeout 2= 5
Send2:	
Wait3:	Wait Timeout 3= 5
Send3:	
Wait4:	Wait Timeout 4= 5
Send4:	
Wait5:	Wait Timeout 5= 5
Send5:	
Wait6:	Wait Timeout 6= 5
Send6:	
Wait7:	Wait Timeout 7= 5
Send7:	
Wait8:	Wait Timeout 8= 5
Send8:	
Wait9:	Wait Timeout 9= 5
Send9:	
Modem Status: IDLE <span style="float: right;">Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/></span> Package Status: IDLE Select an Option <Enter> <span style="float: right;">Users 50 Keys <input type="checkbox"/> Signal <input type="checkbox"/></span>	

Fig. 10g-1

DPC AGENT PROGRAM 1.50	
Provider Configuration Editor	
Outbound Protocol = Modem - PPP	
PPP Configuration Editor	
Authentication User Name: Authentication Password :	
Maximum Receive Unit : <input type="text" value="1400"/> Asynch. Control Char Map: 0x0	
Modify Auto Login Script Modify PPP Configuration	
Modem Status: IDLE <span style="float: right;">Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/></span> Package Status: IDLE Select an Option <Enter> <span style="float: right;">Users 50 Keys <input type="checkbox"/> Signal <input type="checkbox"/></span>	

Fig. 10g-2



**DPC AGENT PROGRAM 1.50**

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**Provider Configuration Editor**

---

Outbound Protocol = **Modem - PPP**

Internet Phone	=	<div style="border: 1px solid black; padding: 2px;"> Outbound Protocol  Modem - SLIP  Modem - PPP  LAN/WAN </div>
Internet Baud	=	
Internet MTU	=	
Internet Inactivity(sec)	=	
IP Address(ISP)	=	
Hybrid gateway Address	=	

Auto Login Enabled = No

Modify Auto login Script  
 Modify PPP Configuration

---

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
 Package Status: IDLE  
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10h-1

**DPC AGENT PROGRAM 1.50**

---

**Provider Configuration Editor**

---

Outbound Protocol = LAN/WAN

---

**Network Route Configuration Editor**

---

Interface: 2  
 Router Mac Address: 00-00-0c-4a-55-f4

---

Auto Login Enabled = No  
 Modify Auto Login Script  
 Modify Network Configuration

---

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
 Package Status: IDLE  
 Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10h-2

DPC AGENT PROGRAM 1.50

Dish Pointing

Antenna Pointing Calculations  
Signal Strength Meter

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
Package Status: IDLE  
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10i-1

DPC AGENT PROGRAM 1.50

Antenna Pointing Calculations

Country = USA Region = Utah  
City = Orem Service = Hughes  
Satellite = Galaxy 4  
Satellite Longitude = 99 Hemisphere = West  
Satellite Polarization = Horz Frequency = 1330  
  
Ground Longitude degrees = 111 minutes = 42 Hemisphere=West  
Ground Latitude degrees = 40 minutes = 19 Hemisphere=North  
COMPUTE NOW  
  
Elevation = 41.608868  
True Azimuth 160.800003  
Magnetic Azimuth 147.300003  
Polarization -14.500000

Modem Status: IDLE Tx ☐ Rx ☐ Cd ☐  
Package Status: IDLE  
Select an Option <Enter> Users 50 Keys ☐ Signal ☐

Fig. 10i-2

**DPC AGENT PROGRAM 1.50**

**Satellite Dish Signal Strength Meter**

0%100%

Frequency = 1330  
 Average SQF = 130  
 Signal Quality = 130 (87%) (Signal Locked)

Modem Status: IDLE  
 Package Status: IDLE  
 Select an Option <Enter>

Tx ☐ Rx ☐ Cd ☐  
 Users 50 Keys ☐ Signal ☐

Fig. 10j-1

**DPC AGENT PROGRAM 1.50**

**DPC Adapter Information**

Serial Number = 011466  
 Site ID = DP000104  
 Have Keys Status = TRUE  
 Number of Communities = 6

Communities:

00000103	00000102	00013000	00019100
00019100	0001DE00		

Modem Status: IDLE  
 Package Status: IDLE  
 Select an Option <Enter>

Tx ☐ Rx ☐ Cd ☐  
 Users 50 Keys ☐ Signal ☐

Fig. 10j-2

DPC AGENT PROGRAM 1.50	
<div>Modem Control Options</div> <div>Disconnect the Modem</div> <div>Dial the Internet</div> <div>Dial the Package Delivery</div> <div>Send to the Modem</div>	
Modem Status: IDLE	Tx <input type="checkbox"/> Rx <input type="checkbox"/> Cd <input type="checkbox"/>
Package Status: IDLE	
Select an Option <Enter>	Users 50 Keys <input type="checkbox"/> Signal <input type="checkbox"/>

Fig. 10k